

09/29/03 16805 U.S. PTO

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Eric A. Jacobsen et al.
Title: APPARATUS AND METHODS FOR COMMUNICATING USING SYMBOL-MODULATED SUBCARRIERS
Attorney Docket No.: 884.A54US1
Customer No.: 21186
Confirmation No.:

PATENT APPLICATION TRANSMITTAL

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- X Return postcard.
- X Utility Patent Application under 37 CFR 1.53(b) comprising:
 - X Specification (26 pgs, including claims numbered 1 through 30 and a 1 page Abstract).
 - X Informal Drawing(s) (5 sheets).
 - X Signed Combined Declaration and Power of Attorney (8 pgs).
 - X Authorization to charge Deposit Account 19-0743 in the amount of \$1098.00 to pay the filing fee.
- X Assignment of the invention to Intel Corporation (4 pgs) and Recordation Form Cover Sheet.
- X Authorization to charge Deposit Account 19-0743 in the amount of \$40.00 to pay the Assignment recording fee.
- X Information Disclosure Statement (2 pgs), Form 1449 (1 pgs), and copies of cited non-US-Patent references (3) (US Patent references not enclosed).
- X Communication Concerning Related Applications (1 pg.).

The filing fee has been calculated below as follows:

| | No. Filed | No. Extra | Rate | Fee |
|---|-----------|-----------|-----------|-----------|
| TOTAL CLAIMS | 30-20 | 10 | x 18.00 = | \$180.00 |
| INDEPENDENT CLAIMS | 5-3 | 2 | x 84.00 = | \$168.00 |
| [] MULTIPLE DEPENDENT CLAIMS PRESENTED | | | | \$0.00 |
| BASIC FEE | | | | \$750.00 |
| TOTAL | | | | \$1098.00 |

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Date of Deposit: September 29, 2003
This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-------------|--|-----------------|------------|
| Applicant: | Eric A. Jacobsen et al. | Examiner: | Unknown |
| Serial No.: | Unknown | Group Art Unit: | Unknown |
| Filed: | Herewith | Docket: | 884.A54US1 |
| Title: | APPARATUS AND METHODS FOR COMMUNICATING USING SYMBOL-MODULATED SUBCARRIERS | | |
| Assignee: | Intel Corporation | Customer No.: | 21186 |

COMMUNICATION CONCERNING RELATED APPLICATION(S)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

| <u>Serial/Patent No.</u> | <u>Filing Date</u> | <u>Attorney Docket</u> | <u>Title</u> |
|--------------------------|--------------------|------------------------|---|
| 10/122513 | April 11, 2002 | 884.780US1 | WIRELESS DEVICE AND METHOD FOR INTERFERENCE AND CHANNEL ADAPTATION IN AN OFDM COMMUNICATION SYSTEM |

Respectfully submitted,

ERIC A. JACOBSEN ET AL.

By Applicants' Representatives,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 29 day of September, 2003.

Name: KACIA LEE Signature: Kacia Lee